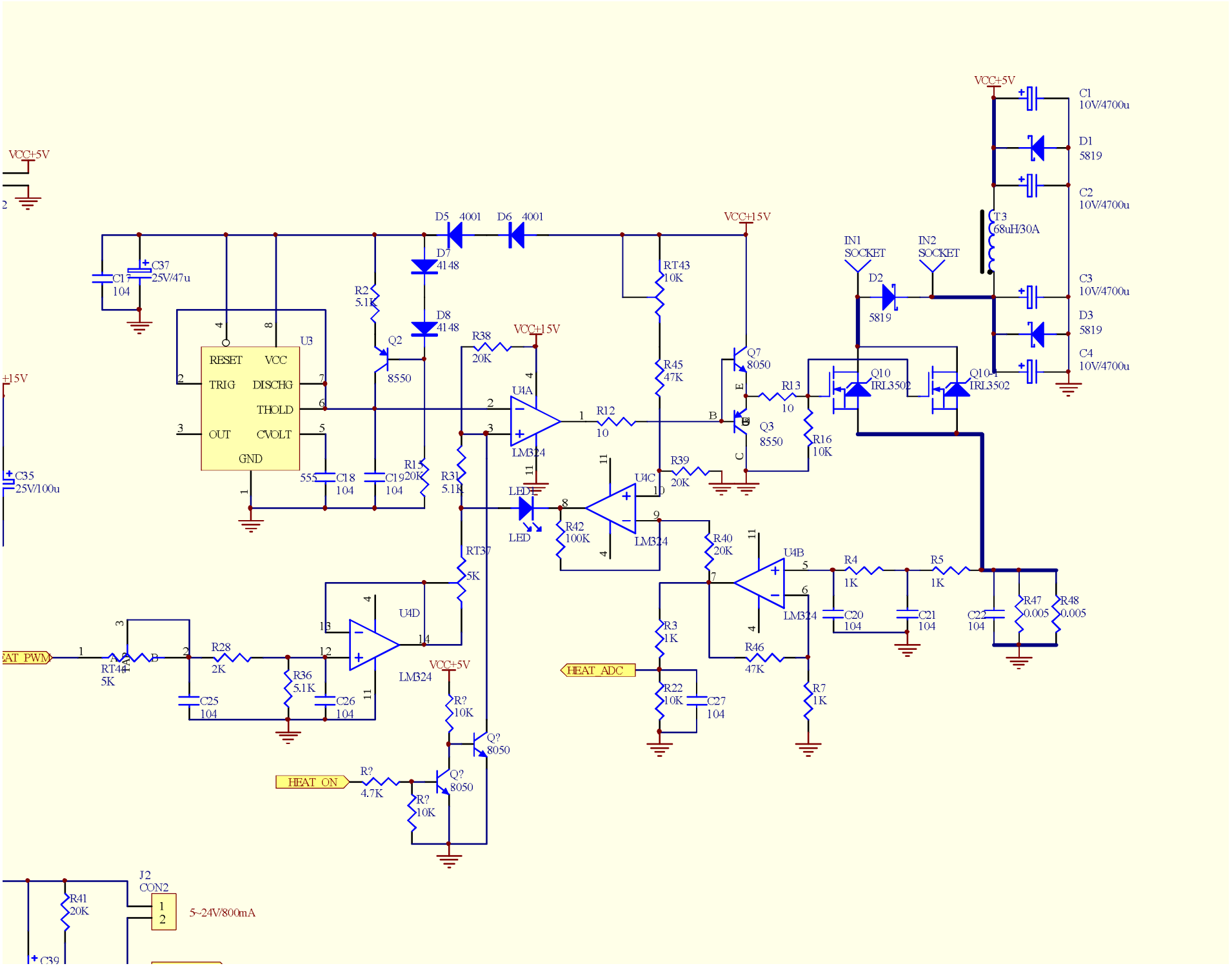
VCC+5V
C1
10V/4700u
D1
5819
C2
10V/4700u
T3
68uH/30A
C3
10V/4700u
D3
5819
C4
10V/4700u
IN1
SOCKET
IN2
SOCKET
D2
5819
Q10
IRL3502
Q10-1
IRL3502
VCC+15V
D5 4001
D6 4001
D7
4148
D8
4148
RT43
10K
R45
47K
R2
5.1K
Q2
8550
R38
20K
U3
RESET
VCC
TRIG
DISCHG
THOLD
OUT
CVOLT
GND
555
C17
104
C37
25V/47u
C18
104
C19
104
R15
20K
U4A
LM324
R12
10
R13
10
Q7
8050
Q3
8550
R16
10K
R39
20K
U4C
LM324
LED1
LED
R31
5.1K
R42
100K
C35
25V/100u
RT37
5K
U4D
LM324
R40
20K
U4B
LM324
R4
1K
R5
1K
C20
104
C21
104
C22
104
R47
0.005
R48
0.005
R3
1K
R46
47K
R7
1K
R22
10K
C27
104
HEAT_ADC
HEAT_PWM
RT44
5K
R28
2K
R36
5.1K
C25
104
C26
104
VCC+5V
LM324
R?
10K
Q?
8050
HEAT_ON
R?
4.7K
Q?
8050
R?
10K
J2
CON2
5~24V/800mA
R41
20K
C39